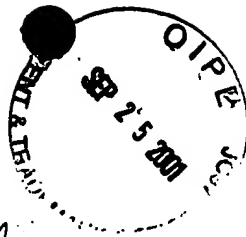


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Washington, D.C. 20231



01P-2818

E. L. Pencoske

App'l
9/8)
21 Sep. 2001

PATENT
Attorney Docket No.: DB000575-014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Keeth, et al)	Examiner:	Not yet assigned
Serial No.:	09/893,389)	Art Unit:	2818
Filed:	28 June 2001)		
Entitled:	256 MEG DYNAMIC RANDOM ACCESS MEMORY			

TRANSMITTAL LETTER

To: Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Enclosed for filing in the above-captioned application, please find the following:

1. Form PTO/SB/17 Fee Transmittal; and
2. a Second Preliminary Amendment with a Complete Clean Set of Claims Currently

Pending attached thereto.

Also enclosed is a return postcard. Please date, stamp and mail the postcard in order to acknowledge receipt of the above-reference correspondence.

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A duplicate copy of this transmittal is enclosed.

Respectfully submitted,

E. L. Pencoske

Edward L. Pencoske
Reg. No. 29,688
Thorp Reed & Armstrong, LLP
One Oxford Centre
301 Grant Street, 14th Floor
Pittsburgh, PA 15219-1425
(412) 394-7789

Date: 21 September 2001

Attorneys for Applicants

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DIPE
SEP 25 2001
PATENT

PTO/SB/17 (11-00)
Approved for use through 10/31/2002; OMB-0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known SEP 28 2001

Application Number	09/893,389
Filing Date	June 28, 2001
First Named Inventor	Keeth, et al
Examiner Name	Not Yet Assigned
Group Art Unit	2818
Attorney Docket No.	DB000575-014

TOTAL AMOUNT OF PAYMENT (\$)

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 20-0888
- Deposit Account Name:
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
101	710	201	Utility filing fee	
106	320	206	Design filing fee	
107	490	207	Plant filing fee	
108	710	208	Reissue filing fee	
114	150	214	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims: 29
Independent Claims: 3
Multiple Dependent Claims: 26

Extra Claims: 6
Fee from below: 18
Fee Paid: 288

	Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
103	18	203	Claims in excess of 20	
102	80	202	Independent claims in excess of 3	
104	270	204	Multiple dependent claim, if not paid	
109	80	209	** Reissue independent claims over original patent	
110	18	210	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 288)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

	Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
105	130	205	Surcharge - late filing fee or oath	
127	50	227	Surcharge - late provisional filing fee or cover sheet	
139	130	139	Non-English specification	
147	2,520	147	For filing a request for ex parte reexamination	
112	920*	112	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	Requesting publication of SIR after Examiner action	
115	110	215	Extension for reply within first month	
116	390	216	Extension for reply within second month	
117	890	217	Extension for reply within third month	
118	1,390	218	Extension for reply within fourth month	
128	1,890	228	Extension for reply within fifth month	
119	310	219	Notice of Appeal	
120	310	220	Filing a brief in support of an appeal	
121	270	221	Request for oral hearing	
138	1,510	138	Petition to institute a public use proceeding	
140	110	240	Petition to revive - unavoidable	
141	1,240	241	Petition to revive - unintentional	
142	1,240	242	Utility issue fee (or reissue)	
143	440	243	Design issue fee	
144	600	244	Plant issue fee	
122	130	122	Petitions to the Commissioner	
123	50	123	Processing fee under 37 CFR 1.17(q)	
126	180	126	Submission of Information Disclosure Stmt	
581	40	581	Recording each patent assignment per property (times number of properties)	
146	710	246	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	Request for Continued Examination (RCE)	
169	900	169	Request for expedited examination of a design application	
Other fee (specify)				
SUBTOTAL (3) (\$)				

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)	Edward L. Pencoske	Registration No. (Attorney/Agent)	29,688	Telephone	(412) 394-7789
Signature	<i>E. L. Pencoske</i>	Date	21 Sep. 2001		

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Date: 21 Sep. 2001



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PATENT
Attorney Docket No.: DB000575-014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Keeth, et al.)	
)	Examiner: Not yet assigned
Serial No.:	09/893,389)	
)	Art Unit: 2818
Filed:	28 June 2001)	
Entitled:	256 MEG DYNAMIC RANDOM ACCESS MEMORY)	

SECOND PRELIMINARY AMENDMENT

Preliminary to the examination of the above-identified application filed herewith, please amend that application as follows.

In the claims

Please cancel claims 448 and 452.

447.(Once Amended) The device of claim 446, wherein said voltage detector includes:
a voltage limiting circuit responsive to the first external signal for producing a threshold signal [indicative of whether the first external signal is above a second predetermined voltage];
and

a signal generating circuit responsive to the first external signal[,] and said threshold signal [, and said first predetermined voltage] for producing said first signal.

451.(Once Amended) The device of claim [447] 446, wherein said second voltage detector includes:

a voltage limiting circuit responsive to the first external signal for producing a threshold signal [indicative of whether the first external signal is above a second predetermined voltage];
and